TOSHIBA
Leading Innovation
STORAGE DEVICE DIVISION

MK3256GSY

2.5-inch SATA HDD

Key Advantages:

- 7200 rpm drives deliver best performance
- Low power consumption lets NBs work longer
- Super-quiet Seek Technology
- Durable and reliable

Applications:

- Notebooks and small form factor PCs
- External storage
- Set-top boxes
- And more digital applications

Specifications:

Data Storage Capacity:	
Per drive, Formatted	320 GB
Number of Platters	2
Number of Heads	3
Bytes/ Sector	512
Rotational Speed (rpm)	7200
Average Seek Time:	msec
Track-to-Track	1
Read / Write	11 / 12
Interface:	
Type	SATA 2.6 / ATA- 8
Buffer (MB)	16
Data Transfer Rate:	Max.3Gbit/sec
Nominal Power Requirements:	
Voltage (V); Supply	+5V (5%)
Sleep (Watts)	0.13
Standby (Watts)	0.16
Read (Watts)	2.1
Write (Watts)	2.1
Start-up (Watts)	5.5

Physical & Environmental Specifications Dimensions –mm:	
Height	9.5
Width	69,85
Depth	100
Weight	115 g
Ambient Temperature °C :	
Operating	5°~55°
Non-Operating	-40°~60°
Vibration and Shock:	
Operating Vibration	1.0 G with 5-500Hz
Operating Shock	325 G 2 msec
Non-Operating	900 G 1msec
Acoustic Noise (Random Seek)	25 dBA
Reliability Characteristics:	
MTTF	600,000 hours